

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/583,795  
Source: IFWP  
Date Processed by STIC: 7/6/06

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IFWP

## RAW SEQUENCE LISTING

DATE: 07/06/2006

PATENT APPLICATION: US/10/583,795

TIME: 14:06:05

Input Set : A:\19672-003US.txt

Output Set: N:\CRF4\07062006\J583795.raw

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3 <110> APPLICANT: Kiyotaka Nakano
4     Takeshi Yoshino
5     Jun-ichi Nezu
6     Hiroyuki Tsunoda
7     Tomoyuki Igawa
8     Hiroko Konishi
9     Megumi Tanaka
10    Izumi Sugo
11    Shigeto Kawai
12    Takahiro Ishiguro
13    Yasuko Kinoshita
15 <120> TITLE OF INVENTION: Anti-Glypican 3 Antibodies
17 <130> FILE REFERENCE: 19672-003US1
C--> 19 <140> CURRENT APPLICATION NUMBER: US/10/583,795
C--> 19 <141> CURRENT FILING DATE: 2006-06-21
19 <150> PRIOR APPLICATION NUMBER: PCT/JP2005/013103
20 <151> PRIOR FILING DATE: 2005-07-08
22 <150> PRIOR APPLICATION NUMBER: JP 2004-203637
23 <151> PRIOR FILING DATE: 2004-07-09
25 <160> NUMBER OF SEQ ID NOS: 207
26 <170> SOFTWARE: PatentIn version 3.1
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29 <211> LENGTH: 31
30 <212> TYPE: DNA
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: PCR primer
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39 <210> SEQ ID NO: 2
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41 <212> TYPE: DNA
42 <213> ORGANISM: Artificial Sequence
44 <220> FEATURE:
45 <223> OTHER INFORMATION: PCR primer
47 <400> SEQUENCE: 2
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51 <211> LENGTH: 1743
52 <212> TYPE: DNA
53 <213> ORGANISM: Homo sapiens
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58 ttcttccaga gactgcagcc cggactcaag tgggtgccag aaactcccggt gccaggatca 180
59 gatttgcaag tatgtctccc taagggccca acatgctgct caagaaagat ggaagaaaaa 240
60 taccaactaa cagcacgatt gaacatggaa cagctgcttc agtctgcaag tatggagctc 300
61 aagtctctaa ttattcagaa tgctgcggtt ttccaagagg cctttgaaat tgttggtcgc 360
62 catgccaaaga actacaccaa tgccatgttc aagaacaact acccaagcct gactccacaa 420
63 gcttttgagt ttgtgggtga atttttcaca gatgtgtctc tctacatctt gggttctgac 480
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65 cagctaataga acccaggcct gcctgattca gccttggaaca tcaatgagtg cctccgagga 600
66 gcaagacgtg acctgaaaagt atttgggaat ttccccaagc ttattatgac ccagggttcc 660
67 aagtcactgc aagtcactag gatcttcctt caggctctga atcttggaat tgaagtgatc 720
68 aacacaactg atcacctgaa gttcagtaag gactgtggcc gaatgctcac cagaatgtgg 780
69 tactgtctct actgccaggg actgatgatg gttaaaccct gtggcggtta ctgcaatgtg 840
70 gtcatacgaag gctgtatggc aggtgtggtg gagattgaca agtactggag agaatacatt 900
71 ctgtcccttg aagaacttgt gaatggcatg tacagaatct atgacatgga gaacgtactg 960
72 ctgggtctct tttcaacaat ccattgattct atccagtatg tccagaagaa tgcaggaaaag 1020
73 ctgaccacca ctattggcaa gttatgtgcc cattctcaac aacgccaata tagatctgct 1080
74 tattatcctg aagatctctt tattgacaag aaagtattaa aagttgctca tgtagaacat 1140
75 gaagaaacct tatccagccg aagaagggaa ctaattcaga agttgaagtc tttcatcagc 1200
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83 caggcaactc cgaaggacaa cgagataagc acctttcaca acctcgggaa cgttcattcc 1680
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85 tga

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87 &lt;210&gt; SEQ ID NO: 4

88 &lt;211&gt; LENGTH: 580

89 &lt;212&gt; TYPE: PRT

90 &lt;213&gt; ORGANISM: Homo sapiens

92 &lt;400&gt; SEQUENCE: 4

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95 Ser Leu Asp Phe Pro Gly Gln Ala Gln Pro Pro Pro Pro Pro Pro Asp
96 20 25 30
97 Ala Thr Cys His Gln Val Arg Ser Phe Phe Gln Arg Leu Gln Pro Gly
98 35 40 45
99 Leu Lys Trp Val Pro Glu Thr Pro Val Pro Gly Ser Asp Leu Gln Val
100 50 55 60
101 Cys Leu Pro Lys Gly Pro Thr Cys Cys Ser Arg Lys Met Glu Glu Lys
102 65 70 75 80
103 Tyr Gln Leu Thr Ala Arg Leu Asn Met Glu Gln Leu Leu Gln Ser Ala
104 85 90 95
105 Ser Met Glu Leu Lys Phe Leu Ile Ile Gln Asn Ala Ala Val Phe Gln
106 100 105 110
107 Glu Ala Phe Glu Ile Val Val Arg His Ala Lys Asn Tyr Thr Asn Ala

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110		130					135				140								
111	Val	Gly	Glu	Phe	Phe	Thr	Asp	Val	Ser	Leu	Tyr	Ile	Leu	Gly	Ser	Asp			
112	145					150					155					160			
113	Ile	Asn	Val	Asp	Asp	Met	Val	Asn	Glu	Leu	Phe	Asp	Ser	Leu	Phe	Pro			
114				165						170					175				
115	Val	Ile	Tyr	Thr	Gln	Leu	Met	Asn	Pro	Gly	Leu	Pro	Asp	Ser	Ala	Leu			
116				180					185					190					
117	Asp	Ile	Asn	Glu	Cys	Leu	Arg	Gly	Ala	Arg	Arg	Asp	Leu	Lys	Val	Phe			
118			195					200					205						
119	Gly	Asn	Phe	Pro	Lys	Leu	Ile	Met	Thr	Gln	Val	Ser	Lys	Ser	Leu	Gln			
120		210					215					220							
121	Val	Thr	Arg	Ile	Phe	Leu	Gln	Ala	Leu	Asn	Leu	Gly	Ile	Glu	Val	Ile			
122	225				230					235						240			
123	Asn	Thr	Thr	Asp	His	Leu	Lys	Phe	Ser	Lys	Asp	Cys	Gly	Arg	Met	Leu			
124				245					250						255				
125	Thr	Arg	Met	Trp	Tyr	Cys	Ser	Tyr	Cys	Gln	Gly	Leu	Met	Met	Val	Lys			
126			260						265					270					
127	Pro	Cys	Gly	Gly	Tyr	Cys	Asn	Val	Val	Met	Gln	Gly	Cys	Met	Ala	Gly			
128			275					280					285						
129	Val	Val	Glu	Ile	Asp	Lys	Tyr	Trp	Arg	Glu	Tyr	Ile	Leu	Ser	Leu	Glu			
130		290					295					300							
131	Glu	Leu	Val	Asn	Gly	Met	Tyr	Arg	Ile	Tyr	Asp	Met	Glu	Asn	Val	Leu			
132	305				310						315					320			
133	Leu	Gly	Leu	Phe	Ser	Thr	Ile	His	Asp	Ser	Ile	Gln	Tyr	Val	Gln	Lys			
134				325					330						335				
135	Asn	Ala	Gly	Lys	Leu	Thr	Thr	Thr	Ile	Gly	Lys	Leu	Cys	Ala	His	Ser			
136			340						345					350					
137	Gln	Gln	Arg	Gln	Tyr	Arg	Ser	Ala	Tyr	Tyr	Pro	Glu	Asp	Leu	Phe	Ile			
138			355					360					365						
139	Asp	Lys	Lys	Val	Leu	Lys	Val	Ala	His	Val	Glu	His	Glu	Glu	Thr	Leu			
140		370					375					380							
141	Ser	Ser	Arg	Arg	Arg	Glu	Leu	Ile	Gln	Lys	Leu	Lys	Ser	Phe	Ile	Ser			
142	385					390					395					400			
143	Phe	Tyr	Ser	Ala	Leu	Pro	Gly	Tyr	Ile	Cys	Ser	His	Ser	Pro	Val	Ala			
144				405					410						415				
145	Glu	Asn	Asp	Thr	Leu	Cys	Trp	Asn	Gly	Gln	Glu	Leu	Val	Glu	Arg	Tyr			
146				420					425					430					
147	Ser	Gln	Lys	Ala	Ala	Arg	Asn	Gly	Met	Lys	Asn	Gln	Phe	Asn	Leu	His			
148			435					440					445						
149	Glu	Leu	Lys	Met	Lys	Gly	Pro	Glu	Pro	Val	Val	Ser	Gln	Ile	Ile	Asp			
150		450					455					460							
151	Lys	Leu	Lys	His	Ile	Asn	Gln	Leu	Leu	Arg	Thr	Met	Ser	Met	Pro	Lys			
152	465					470					475					480			
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154				485					490						495				
155	Asp	Cys	Gly	Asp	Asp	Glu	Asp	Glu	Cys	Ile	Gly	Gly	Ser	Gly	Asp	Gly			
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159 Asp Leu Asp Val Asp Asp Ala Pro Gly Asn Ser Gln Gln Ala Thr Pro
160           530           535           540
161 Lys Asp Asn Glu Ile Ser Thr Phe His Asn Leu Gly Asn Val His Ser
162 545           550           555           560
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164           565           570           575
165 Phe Leu Val His
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192 <212> TYPE: DNA
193 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:
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198 <400> SEQUENCE: 7
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204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
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213 <211> LENGTH: 24
214 <212> TYPE: DNA
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218 <223> OTHER INFORMATION: PCR primer
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235 <211> LENGTH: 1392
236 <212> TYPE: DNA
237 <213> ORGANISM: Mus musculus
239 <400> SEQUENCE: 11
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241 gtgcaactgg tggagtctgg gggaggctta gtgaagcctg gaggatccct gaaactctcc 120
242 tgtgcagcct ctggattcac tttcagtcgc tatgccatgt cttgggttcg ccagattcca 180
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245 caaatgcgca gtctgaggtc tgaggacaca gccttgattt actgtgtaag acaggggggg 360
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260 gggcagccgg agaacaacta caagaccacg cctcccgtgc tggactccga cggctccttc 1260
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272 ccagagaaga ggctggagtg ggtcgcagcc attaataata atggtgatga cactactat 180
273 ttagacaacta tgaaggaccg attcaccatc tccagagaca atgccaagaa caccctgtac 240
274 ctgcaaatga gcagtctgag gtctgaggac acagccctgt attactgtgt aagacaaggg 300
275 ggggcttact ggggccaagg gactctggtc actgtctctg ca 342

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Input Set : A:\19672-003US.txt

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L:19 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
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L:1838 M:283 W: Missing Blank Line separator, <220> field identifier  
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